INFORMATION DISCLOSURE STATEMENT

Applicant	:	Mohamed K. Diab, et al.
App. No.	:	Unknown
Filed	:	Herewith
For	:	SIGNAL PROCESSING APPARATUS
Examiner	:	Unknown
Group Art Unit	:	Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing one hundred thirty-three (133) references, none of which are enclosed. Because all of the references are of record in one or more applications relied on for an earlier effective filing date, including the following, copies thereof are not being submitted herewith.

Application Serial No. No. 10/062,859, filed January 20, 2002
Application Serial No. No. 09/195,791, filed November 17, 1998
Application Serial No. 08/859,837, filed May 16, 1997, now U.S. Patent No. 6,157,850
Application No. 08/320,154, filed October 7, 1994, now U.S. Patent No. 5,632,272
Application No 08/132,812, filed October 6, 1993, now U.S. Patent No. 5,490,505
Application Serial No. 08/249,690, filed May 26, 1994, now U.S. Patent No. 5,482,036
Application No. 07/666,060 filed March 7, 1991, now abandoned

If the Examiner has difficulty accessing the parent applications or the Examiner otherwise needs additional copies of the cited references, the Applicants will provide the same upon receipt of specific request in subsequent office correspondence.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and no fee is required in accordance with 37 C.F.R. § 1.97(b)(3).

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: September 29, 2003

By: _____
John M. Grover
Registration No. 42,610
Attorney of Record
Customer No. 20,995
(949) 760-0404

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MASIMO.7CP1C10	APPLICATION NO. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Mohamed Kheir Diab, et al.	
(USE SEVERAL SHEETS IF NECESSARY)	FILING DATE Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	3,638,640	2/1972	Shaw			
	2	3,647,299	3/1972	Lavallee			
	3	3,704,706	12/1972	Herczfeld, et al.			
	4	3,991,277	11/1976	Hirata			
	5	3,998,550	12/1976	Konishi, et al.			
	6	4,063,551	12/1977	Sweeney			
	7	4,086,915	5/1978	Kofsky, et al.			
	8	4,095,117	6/1978	Nagy			
	9	4,238,746	12/1980	McCool, et al.			
	10	4,243,935	1/1981	McCool, et al.			
	11	4,266,554	5/1981	Hamaguri			
	12	4,305,398	12/1981	Sawa			
	13	4,407,290	10/1983	Wilber			
	14	4,446,871	5/1984	Imura			
	15	4,519,396	5/1985	Epstein, et al.			
	16	4,537,200	8/1985	Widrow			
	17	4,586,513	5/1986	Hamaguri			
	18	4,617,589	10/1986	Weckenbrock			
	19	4,649,505	3/1987	Zinser, Jr., et al.			
	20	4,653,498	3/1987	New, Jr., et al.			
	21	4,694,833	9/1987	Hamaguri			
	22	4,714,341	12/1987	Hamaguri, et al.			
	23	4,723,294	2/1988	Taguchi			
	24	4,751,931	6/1988	Briller, et al.			
	25	4,773,422	9/1988	Issacson, et al.			
	26	4,781,200	11/1988	Baker			
	27	4,799,493	1/1989	DuFault			
	28	4,800,495	1/1989	Smith			

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EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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	29	4,802,486	2/1989	Goodman, et al.			
	30	4,807,631	2/1989	Hersh, et al.			
	31	4,819,646	4/1989	Cheung, et al.			
	32	4,819,752	4/1989	Zelin			
	33	4,824,242	4/1989	Frick, et al.			
	34	4,848,901	7/1989	Hood, Jr.			
	35	4,858,199	8/1989	Griffith			
	36	4,859,056	8/1989	Prosser, et al.			
	37	4,860,759	8/1989	Kahn, et al.			
	38	4,863,265	9/1989	Flower, et al.			
	39	4,867,571	9/1989	Frick, et al.			
	40	4,869,253	9/1989	Craig, Jr. et al.			
	41	4,869,254	9/1989	Stone, et al.			
	42	4,883,353	11/1989	Hausman, et al.			
	43	4,883,356	11/1989	deMey, II			
	44	4,892,101	1/1990	Cheung, et al.			
	45	4,907,594	3/1990	Muz			
	46	4,911,167	3/1990	Corenman, et al.			
	47	4,913,150	4/1990	Cheung, et al.			
	48	4,927,264	5/1990	Shiga, et al.			
	49	4,928,692	5/1990	Goodman, et al.			
	50	4,934,372	6/1990	Corenman, et al.			
	51	4,942,877	7/1990	Sakai, et al.			
	52	4,948,248	8/1990	Lehman			
	53	4,955,379	9/1990	Hall			
	54	4,956,867	9/1990	Zurek, et al.			
	55	4,960,126	10/1990	Conlon, et al.			

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	56	5,042,499	8/1991	Frank, et al.			
	57	5,057,695	10/1991	Hirao, et al.			
	58	5,246,002	9/1993	Prosser			
	59	5,259,381	11/1993	Cheung, et al.			
	60	5,273,036	12/1993	Kronberg, et al.			
	61	5,431,170	7/1995	Mathews			
	62	5,458,128	10/1995	Pulanyi, et al.			
	63	5,482,036	1/1996	Diab, et al.			
	64	5,490,505	2/1996	Diab, et al.			
	65	5,632,272	5/1997	Diab, et al.			
	66	5,662,105	9/1997	Tien			
	67	5,685,299	11/1997	Diab, et al.			
	68	5,769,785	6/1998	Diab, et al.			
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	70	6,036,642	3/2000	Diab, et al.			
	71	6,081,735	6/2000	Diab, et al.			
	72	6,157,850	12/2000	Diab, et al.			
	73	6,206,830	3/2001	Diab, et al.			
	74	6,263,222	7/2001	Diab, et al.			
	75	6,236,872	5/2001	Diab, et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	76	0 341 327 A1	11/1989	European				
	77	0 335 357	29/3/89	European				
	78	EP 0 760 223 A1	8/1995	European				
	79	EP 0 761 159 B1	8/1996	European				
	80	DE 33 28 862 A1	2/1985	Germany				
	81	2 166 326 A	4/1986	United Kingdom				
	82	2 235 288 A	2/1991	United Kingdom				
	83	SU1674798	9/1991	Abstract from Database WPI, Derwent Publications				
	84	92/15955	9/1992	PCT				

EXAMINER INITIAL		**OTHER DOCUMENTS** (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	85	Braun, S., et al., *"Mechanical Signature Analysis – Theory and Applications,"* pp. 142-145, 202-203 (1986)
	86	Brown, D.P., *"Evaluation of Pulse Oximeters Using Theoretical Models and Experimental Studies,"* Master Thesis, University of Washington, (November 25, 1987)
	87	Chen, J. et al., *"Adaptive System for Processing of Electrogastric Signals!,* Images of the Twenty-First Century, Vol. 11, pp. 698-699, Seattle, WA, Nov. 9-12, 1989
	88	Cohen, A., *"Volume I: Time and Frequency Domains Analysis",* Biomedical Signal Processing, CRC Press, Inc., Boca Raton, FL, pp. 152-159
	89	European Search Report, dated September 1999.
	90	Ferrara, E. R., *"Fetal Electrocardiogram Enhancement by Time-Sequenced Adaptive Filtering",* IEEE Transactions on Biomedical Engineering, Vol. BME-29, No. 6, June 1982
	91	Glover, Jr., J. R., *"Adaptive Noise Canceling of Sinusoidal Interferences,"* A Dissertation Submitted to the Department of Electrical Engineering and the Committee on Graduate Studies of Stanford University in Partial Fulfillment of the Requirements for the Degree of Doctor of Philosophy, pp. iii-82 (1975).
	92	Harris, et al., *"Digital Signal Processing with Efficient Polyphase Recursive All-Pass Filters,"* International Conference, Florence, Italy, (September 4-6, 1991)
	93	Haykin, S., *"Adaptive Filter Theory,"* Prentice Hall, Englewood Cliffs, NJ (1991)
	94	Hendry, S. D., *"Computation of Harmonic Comb filter Weights",* IEEE Transactions on Signal Procesing, Vol. 41, No. 4, April 1993
	95	Jingzheng, O. et al., *"Digital Processing of High-Resolution Electrocardiograms – Detection of His-Purkinje Activity From the Body Surface",* Biomedizinische Technik, Vol. 33, No. 10, pp. 224-230, Berlin, Germany, October 1, 1988
	96	Klimasauskas, C., *"Neural Nets and Noise Filtering,"* Dr. Dobb's Journal, pp. 32, (January 1989)
	97	Li, G., *"A Stable and Efficient Adaptive Notch Filter for Direct Frequency Estimation",* IEEE Transactions on Signal Processing, Vol. 45, NO. 8, August 1997
	98	Melnikof, S., *"Neural Networks for Signal Processing: A Case Study,"* Dr. Dobb's Journal, pp. 36-37, (January 1989)

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	99	Mook, G. A., et al., *"Spectrophotometric Determination of Oxygen Saturation of Blood Independent of Presence of Idocyanine Green,"* Cardiovascular Research, Vol. 13, pp. 233-237, (1979)
	100	Mook, G. A., et al., *"Wavelength dependency of the spectrophotometric determination of blood oxygen saturation,"* Clinical Chemistry Acta, Vol. 26, pp. 170-173, (1969)
	101	Nehorai, A., *"Adaptive Comb Filtering for Harmonic Signal Enhancement"*, IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. ASSP-34, No. 5, October 1986
	102	Nehorai, A., *"A Minimal Parameter Adaptive Notch Filter With Constrained Poles and Zeros"*, IEEE Transactions On Acoustics, Speech, and Signal Processing, Vol. ASSP-33, No. 4, August 1985
	103	Neuman, M. R., *"Pulse Oximetry: Physical Principles, Technical Realization and Present Limitations,"* Continuous Transcutaneous Monitoring, pp. 135-144, Plenum Press, New York, (1987)
	104	Pau, L. F., *"Acoustic and Vibration Monitoring,"* Failure Diagnosis and Performance Monitoring, Chapter 13, pp. 295-299
	105	Rabiner, L., et al., *"Theory and Application of Digital signal Processing"*, p. 260, (1975)
	106	Severinghaus, M.D., J. W., *"Pulse Oximetry Uses and Limitations,"* pp. 104, ASA Convention, New Orleans (1989)
	107	Strobach, P., *"Single Section Least Squares Adaptive Notch Filter"*, IEEE Transactions on Signal Processing, Vol. 43, No. 8, August 1995
	108	Tremper, K. K., et al., *"Pulse Oximetry: Technical Aspects of Machine Design,"* Advances in Oxygen Monitoring, pp. 137-153, (1987)
	109	Varanini, M., et al., *"A Two Channel Adaptive Filtering Approach for Recognition of the QRS Morphology"*, pp. 141-144, Proceedings of the Computers in Cardiology Meeting, Venice, Institute of Electrical and Electronics Engineers, Sept. 23-26, 1991
	110	Widrow, B., *"Adaptive Signal Processing,"* Prentice Hall, Englewood, NJ, (1985)
	111	Widrow, B., *"Adaptive Noise Cancelling: Principles and Applications:*, Proceedings of the IEEE, Vol. 63, No. 12, December 1975
	112	Wukitsch, M., W., et al., *"Pulse Oximetry: Analysis of Theory, Technology, and Practice"*, Journal of Clinical Monitoring, Vol. 4, No. 4, pp. 290-301 (October 1988)
	113	Yelderman, M., et al., *"Ecg Enhancement by Adaptive Cancellation of Electrosurgical Interference,"* pp. 1-21
	114	Yelderman, M., et al., *"Sodium Nitroprusside Infusion By Adaptive Control"*, Adaptive Control vby Inverse Modeling, Conference Record: 12th Asilosor Conference 90 (1978)
	115	Yu, C., et al., *"Improvement in Arterial Oxygen Control Using Multiple Model Adaptive Control Procedures,"* pp. 878-883
	116	United States District Court – Civil Minutes, Case No. SA CV 99-1245 AHS (Anx), *Masimo v. Mallinckrodt and Nellcor Puritan Bennett*, Dated: 10/04/00
	117	United States Court of Appeals for the Federal Circuit – Opinion, Case No. 01-1038, - 1084, *Masimo v. Mallinckrodt, Inc. and Nellcor Puritan Bennett, Inc.*, Decided: 08/08/01
	118	Findings of Fact and Conclusions of Law Regarding Masimo's Motion for Preliminary Injunction, *Masimo v. Mallinckrodt inc., et al.*, U.S. District Court, Central District of California (Southern Division), Civil Action No. SA-CV-99-1245 AHS (Anx), filed November 3, 2000 (REDACTED)
	119	Nellcor's Third Amended Complaint for Patent Infringement
	120	Nellcor's and Mallinckrodt's Amended and Supplemental Answer and Counterclaims to Masimo Corporation's First Amended Complaint in Case No. CV-01-7293-MRP (AJWx)
	121	Nellcor's and Mallinckrodt's Amended and Supplemental Answer and Counterclaims to Masimo Corporation's First Amended Complaint in Case No. CV-01-7292-MRP (AJWx)
	122	Nellcor's and Mallinckrodt's First Amended and Supplemental Reply and Counterclaims to Counterclaims of Masimo Corporation.
	123	Non-Confidential Reply Brief of Defendants-Cross Appellants Mallinckrodt Inc. and Nellcor Puritan Bennett, Inc. dated February 22, 2001
	124	Nellcor's and Mallinckrodt's Reply Claim Construction Brief on the Patents-In-Suit dated October 18, 2002
	125	Nellcor's and Mallinckrodt's Opening Claim Construction Brief on the Patents-In-Suit dated September 16, 2002

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	126	Non-Confidential Brief of Defendants-Cross Appellants Mallinckrodt Inc. and Nellcor Puirtan Bennett, Inc. dated January 22, 2001
	127	Non-Confidential Brief of Plaintiff-Appellant Masimo Corporation dated December 8, 2000
	128	Non-Confidential Reply Brief of Plaintiff-Appellant Masimo Corporation dated February 6, 2001
	129	Memorandum of Decision and Order Re: Claim Construction; Motion to Strike Masimo's Declarations dated February 27, 2003
	130	Copending U.S. Application No. 09/195,791, filed on November 17, 1998 (Atty. No. 7CP1C5), and pending claims.
	131	Copending U.S. Application No. 10/006,427, published on June 20, 2002, (Atty. No. 7CP1C7) as U.S. Pub. No. US2002/0077536 A1.
	132	Copending U.S. Application No. 10/005,631, filed on December 4, 2001, (Atty. No. 7CP1C8), and pending claims
	133	Copending U.S. Application No. 10/062,859, published on September 12, 2002, (Atty. No. 7cp1c9) as U.S. Pub. No. US2002/0128544 A1.

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